Abstract

It is intended to provide a novel method of synthesizing a nucleic acid oligomer whereby at least 10-mer of nucleic molecule oligomer (for example, a 20-mer) can be synthesized at an extremely high purity by the solid phase method without protecting a nucleotide base, compared with the conventional method without nucleotide base protection allowing the synthesis of a 12-mer at the highest. Namely, a method for the synthesis of a nucleic acid oligomer, characterized in that an alcohol-type activator or a combination of an alcohol-type activator with an acid catalyst is used in the phosphoramidite method.